# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| S1 | 12 | (("4739514") or ("5204909") or ("20030026441") or ("4123711") or ("6798197") or ("4947133") or ("4055818") or ("5255324") or ("5481617") or ("5509080") or ("6134330") or ("20010036285")).PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/12 15:19 |
| S2 | 610 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/08 17:55 |
| S3 | 1 | korner.in. and harmonic and splitter and audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:34 |
| S4 | 5 | (("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/03 15:06 |
| S5 | 1 | ("5923766").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/08 18:02 |
| S6 | 973 | (381/98).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:42 |
| S7 | 43 | 381/98-109.ccls. and harmonic same filter same amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:09 |
| S8 | 1 | ("20010034252").PN. | US-PGPUB; USPAT | OR | OFF | 2006/11/12 15:42 |
| S9 | 35 | 381/98-109.ccls. and harmonic and filter and amplifier and (phone ringer ring polyphonic) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:37 |
| S10 | 594 | harmonic same (phone ringer ring polyphonic) same filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:45 |

| S11 | 0 | harmonic same (polyphonic near2 ring$2) same filter | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:46 |
|---|---|---|---|---|---|---|
| S12 | 1 | harmonic same (polyphonic near2 ring$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:46 |
| S13 | 11 | harmonic and (polyphonic near2 ring$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:02 |
| S14 | 0 | (polyphonic near2 ring$2) same (bandwidth near2 expan$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:48 |
| S15 | 43 | (ring$2 ringer) same phone same harmonic | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:59 |
| S16 | 0 | (ring$2 ringer) same phone same harmonic same (bandwidth near2 expan$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:49 |
| S17 | 3 | "455"/$.ccls. and harmonic same (bandwidth near3 expan$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 15:59 |
| S18 | 3 | "455"/$.ccls. and (harmonic harmonics) same (bandwidth near3 expan$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:01 |
| S19 | 198 | "455"/$.ccls. and (harmonic harmonics) same (speech ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:05 |
| S20 | 3 | "455"/$.ccls. and (add$3 near4 (harmonic harmonics)) same (speech ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:05 |

| S21 | 52 | 381/61,98-109.ccls. and harmonic same filter same amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:49 |
|-----|-----|-----|-----|-----|-----|-----|
| S22 | 610 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:49 |
| S23 | 145 | S22 and (ring ringer phone speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:50 |
| S24 | 40 | S22 and (ring ringer phone speech) and (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 16:50 |
| S25 | 11 | harmonic and (polyphonic near2 ring$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:03 |
| S26 | 107029 | ((polyphonic near2 ring$2) speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:03 |
| S27 | 3 | ((polyphonic near2 ring$2) same speech) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:20 |
| S28 | 5 | (polyphonic near2 ring$2) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:09 |
| S29 | 7 | (polyphonic near2 ringer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:22 |
| S30 | 120 | (polyphonic near2 sound) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:22 |

| S31 | 4 | (polyphonic near2 sound) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:28 |
|-----|-----|-----|-----|-----|-----|-----|
| S32 | 14 | (polyphonic near2 music) same (harmonic harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:31 |
| S33 | 226 | (polyphonic near2 tone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:31 |
| S34 | 16 | (polyphonic near2 ring near2 tone) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:51 |
| S35 | 0 | ("EP-994464-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:51 |
| S36 | 0 | ("EP-994464-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2006/11/12 17:52 |
| S37 | 0 | ("EP-994464-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |
| S38 | 0 | ("EP-994464-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |
| S39 | 0 | ("EP-1161076-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 17:52 |

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| S40 | 0 | ("EP-161076-$.did.").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 18:18 |
| S41 | 4 | (("4700390") or ("5581652")).PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | OR | OFF | 2006/11/12 18:18 |
| S42 | 1 | korner.in. and harmonic and splitter and audio and (out-of-band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 15:01 |
| S43 | 4 | 381/98-109.ccls. and (out near2 band near2 (harmonics harmonic)) and filter and amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:59 |
| S44 | 83 | (out near2 band near2 (harmonics harmonic)) and filter and amplifier | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:41 |
| S45 | 35 | (out near2 band near2 (harmonics harmonic)) and filter and amplifier and audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:47 |
| S46 | 637 | (381/61).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:42 |
| S47 | 238 | (381/101).CCLS. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:42 |
| S48 | 41 | (out near2 band near2 (harmonics harmonic)) and amplifier and audio | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:48 |

| S49 | 28 | (creat$3 produc$3) with (out near2 band near2 (harmonics harmonic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:53 |
|---|---|---|---|---|---|---|
| S50 | 1 | ((increas$3 elongat$4 stretch$3) with bandwidth) same (out near2 band near2 (harmonics harmonic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:54 |
| S51 | 1 | ((increas$3 elongat$4 stretch$3) with (bandwidth(data near2 transmission near2 rate))) same (out near2 band near2 (harmonics harmonic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:55 |
| S52 | 32 | ((increas$3 elongat$4 stretch$3) with (bandwidth(data near2 transmission near2 rate))) and (out near2 band near2 (harmonics harmonic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:56 |
| S53 | 20 | ((increas$3 elongat$4 stretch$3) near4 (bandwidth(data near2 transmission near2 rate))) and (out near2 band near2 (harmonics harmonic)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 14:56 |
| S54 | 1 | 381/61,98-109.ccls. and filter near3 separa$3 near3 upper near3 (passband (pass adj2 band)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/11 09:51 |
| S55 | 0 | korner.in. and harmonic and splitter and audio and (out-of-band) and (upper same passband) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 15:02 |
| S56 | 0 | korner.in. and harmonic and splitter and audio and (out-of-band) and (upper same pass-band) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 15:02 |
| S57 | 1 | korner.in. and harmonic and splitter and audio and (out-of-band) and (upper) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/03 15:02 |
| S58 | 5 | (("20040022400") or ("6215879") or ("6023513") or ("3828133") or ("20010034252")).PN. | US-PGPUB; USPAT | OR | OFF | 2007/05/03 15:06 |
| S59 | 0 | S58 and (harmonic harmonics) and (out near2 band) | US-PGPUB; USPAT | OR | OFF | 2007/05/03 15:06 |

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| S60 | 5 | S58 and (harmonic harmonics) | US-PGPUB; USPAT | OR | OFF | 2007/05/03 15:06 |
|-----|---|------------------------------|-----------------|-----|-----|------------------|
| S61 | 1 | 381/61,98-109.ccls. and generat$3 with (out-of-band with harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/11 09:52 |
| S62 | 23 | generat$3 with (out-of-band with harmonics) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/11 09:52 |
| S63 | 4 | (generat$3 produc$3 creat$3) adj3 out-of-band adj3 harmonics | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO | OR | OFF | 2007/05/11 09:53 |